

## FIG. 1

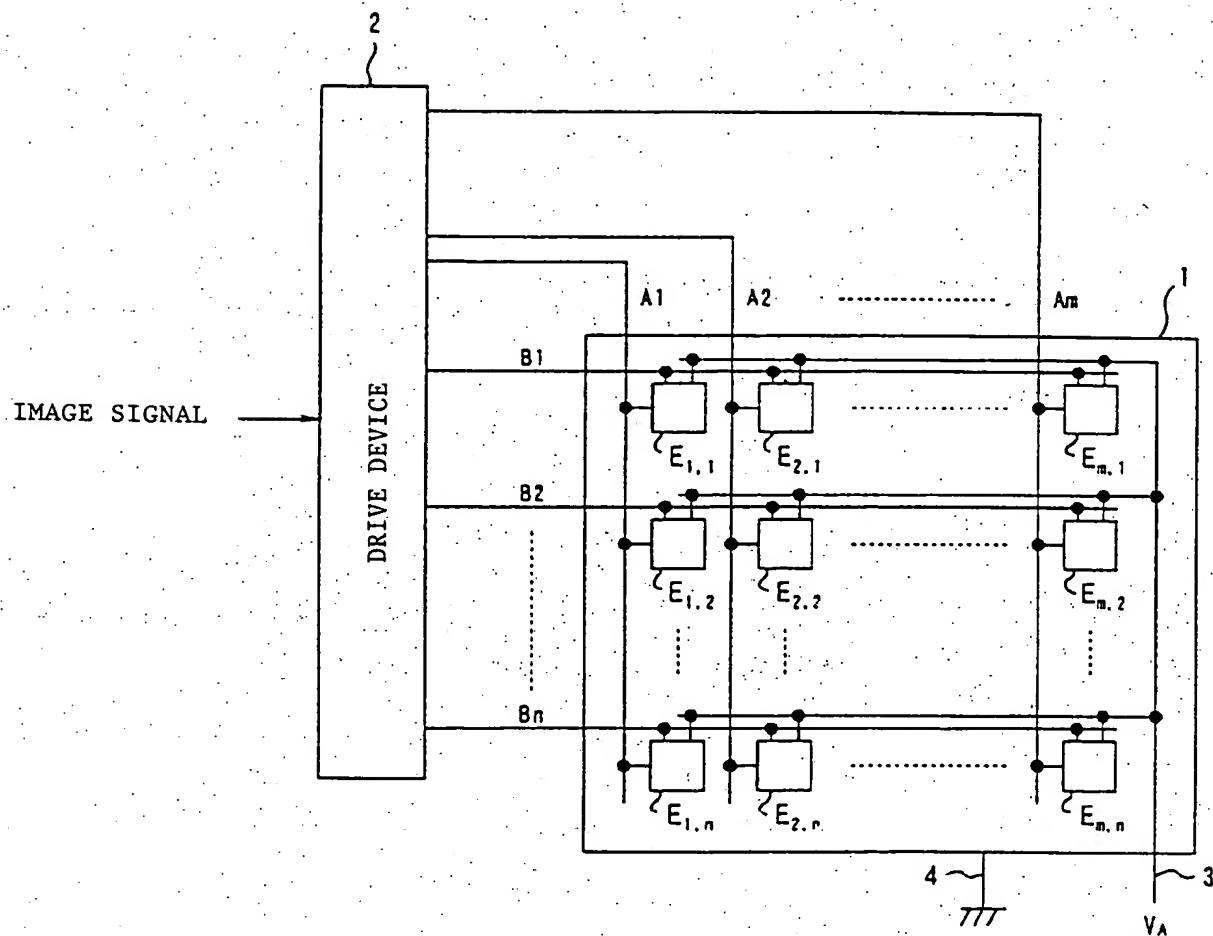


FIG. 2

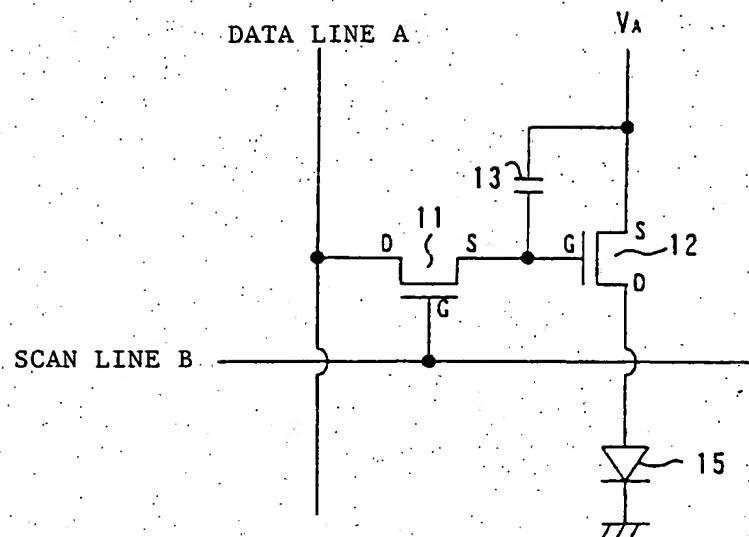


FIG. 3

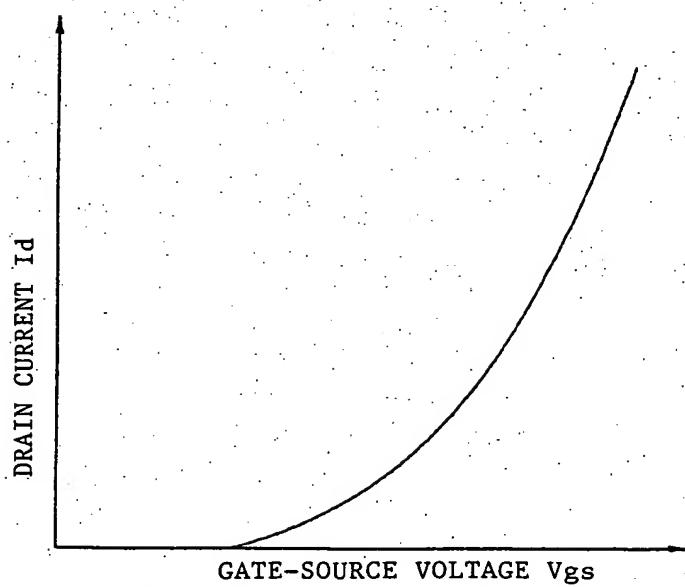
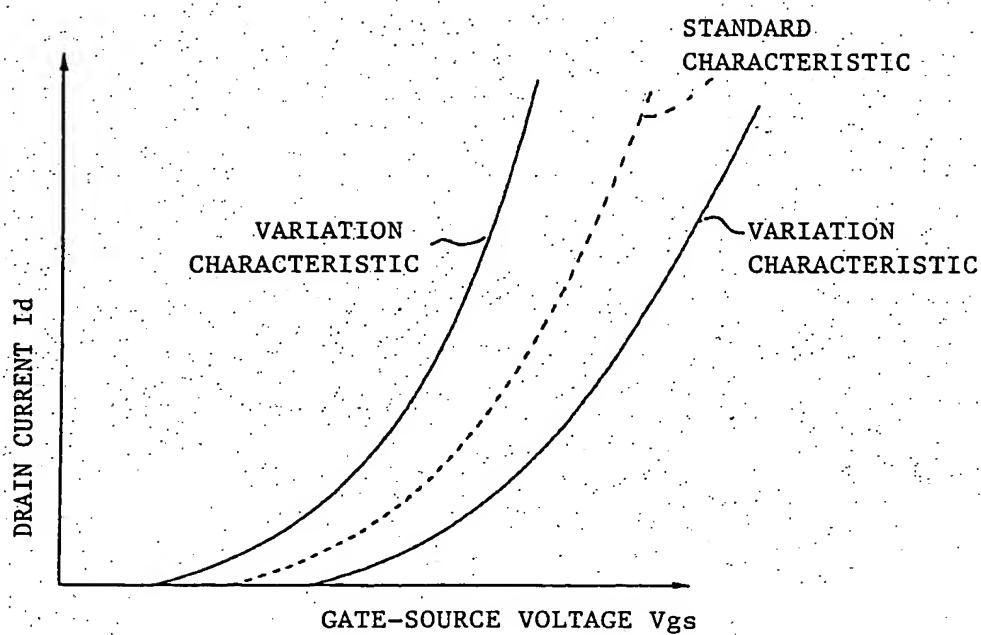


FIG . 4



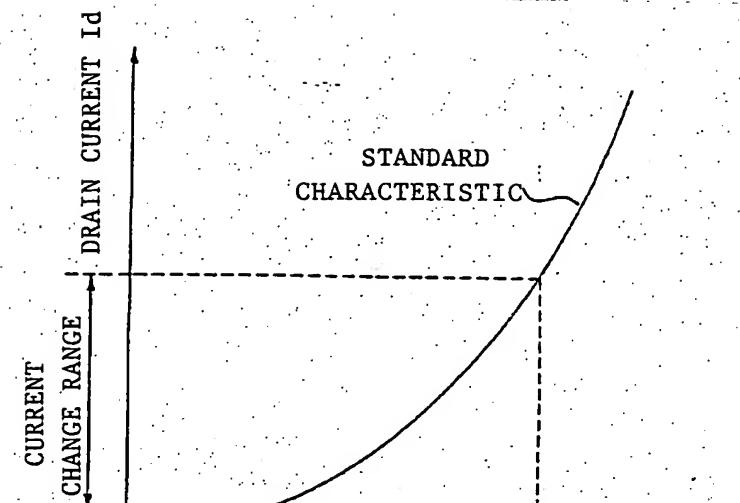
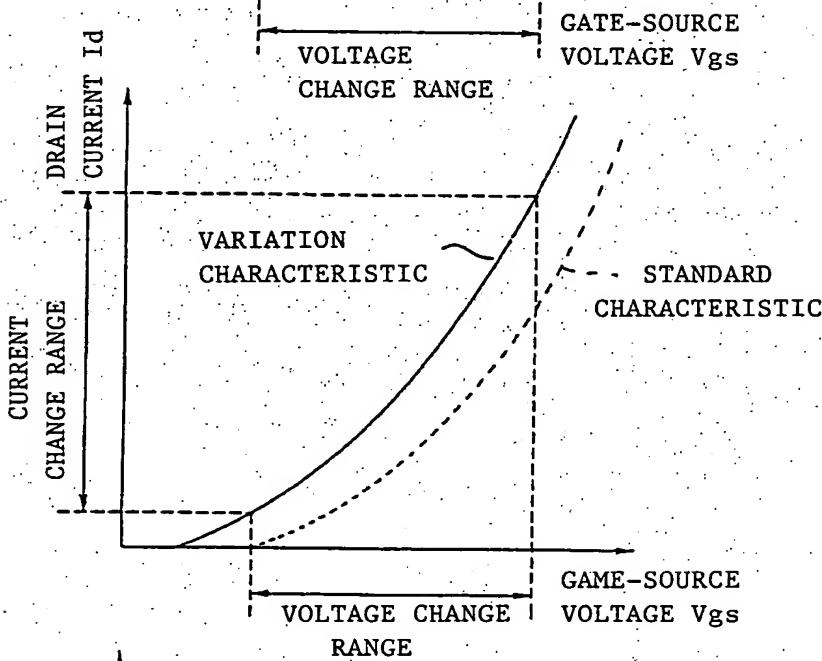
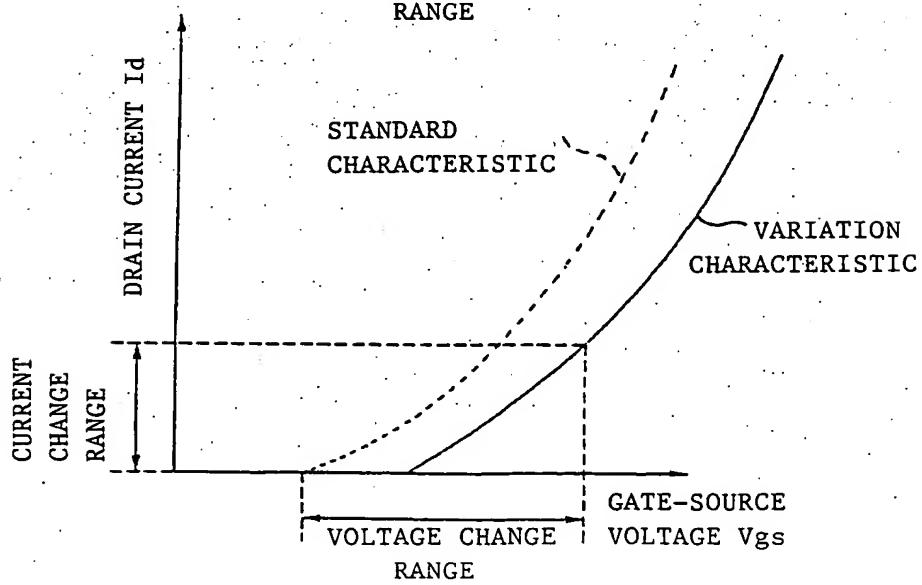
**FIG. 5 A****FIG. 5 B****FIG. 5 C**

FIG. 6

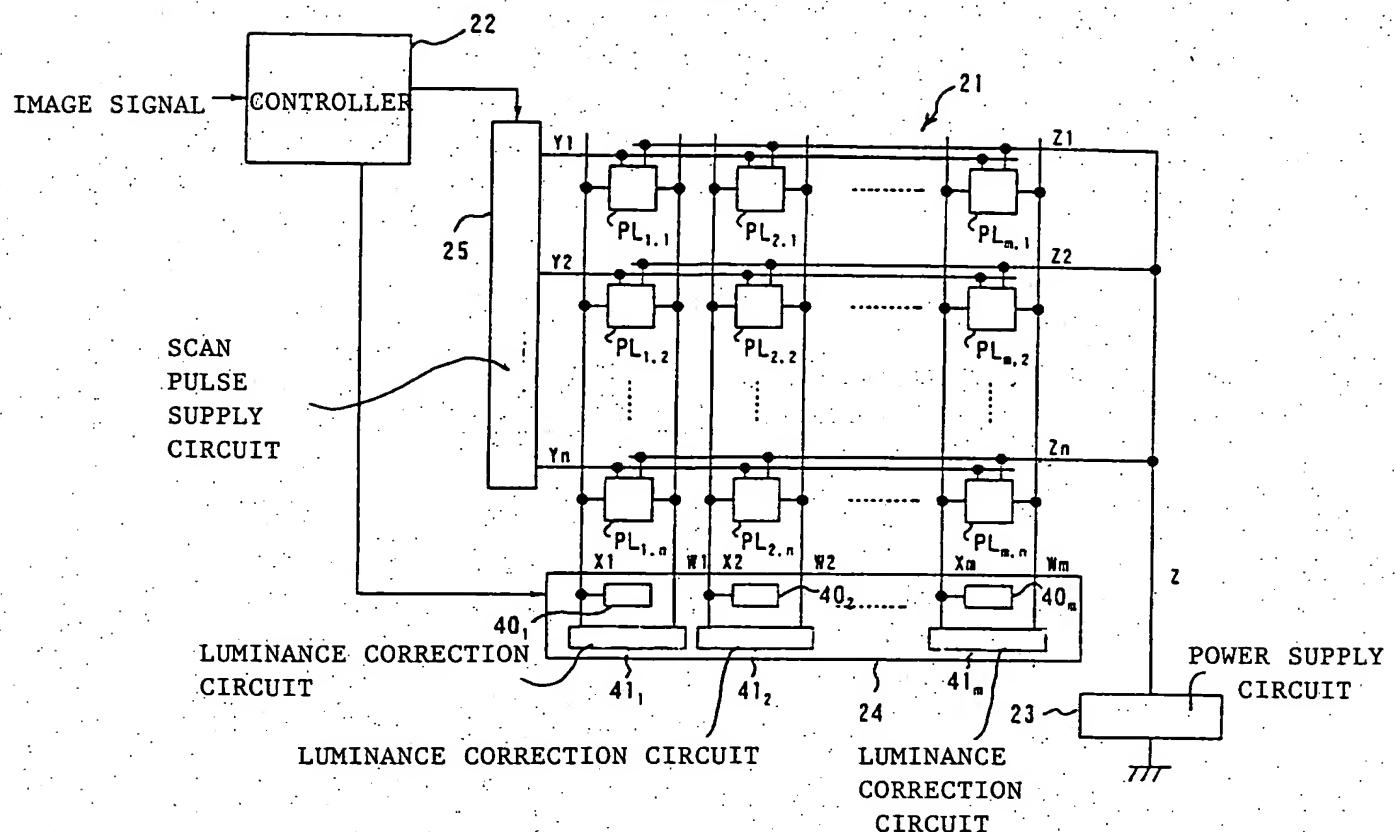


FIG. 7

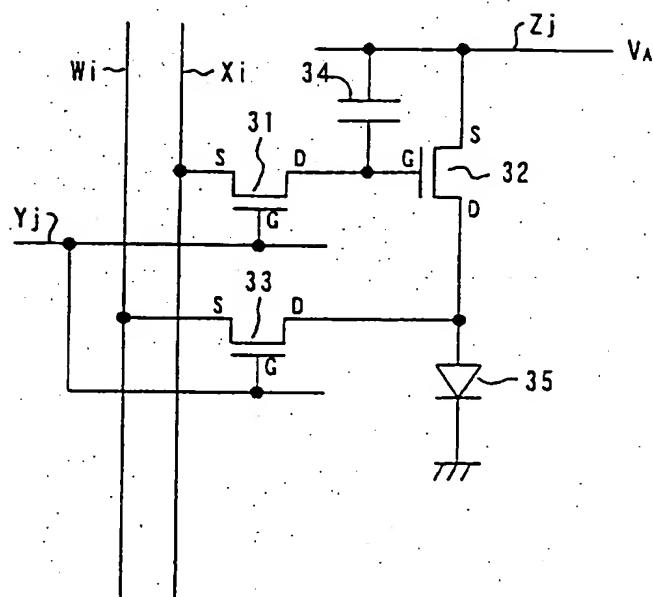
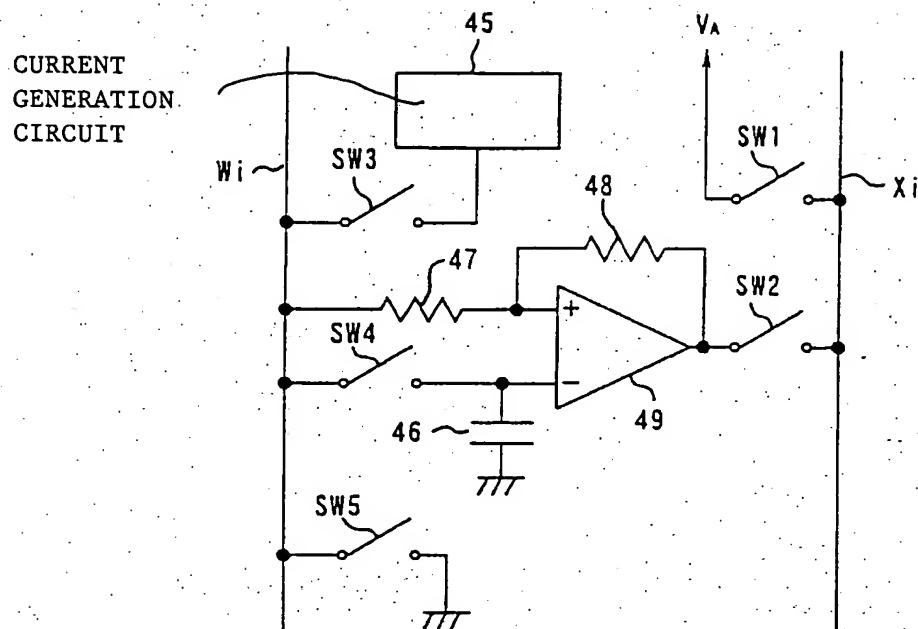


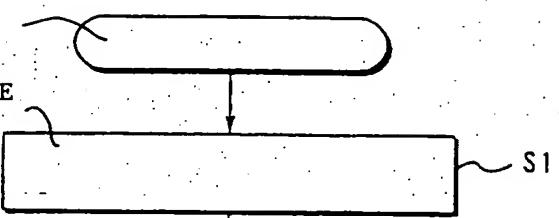
FIG. 8



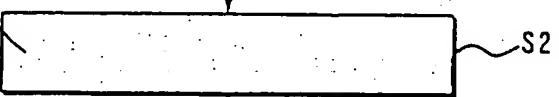
# FIG. 9

START OF ONE SCANNING PERIOD

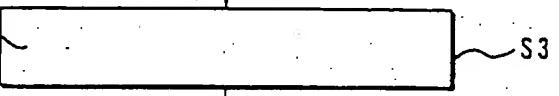
SCAN CONTROL SIGNAL FOR j-LINE  
 IS SUPPLIED TO SCAN  
 PULSE SUPPLY CIRCUIT



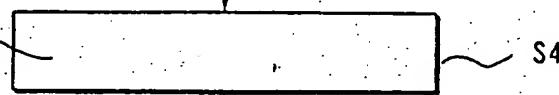
j-LINE DATA CONTROL SIGNAL  
 IS SUPPLIED TO DATA SIGNAL  
 SUPPLY CIRCUIT



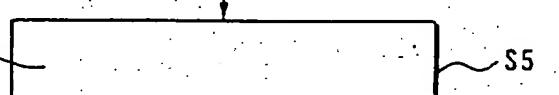
SWITCH ELEMENT SW1 IS TURNED  
 ON AND SWITCH ELEMENT SW2  
 IS TURNED OFF



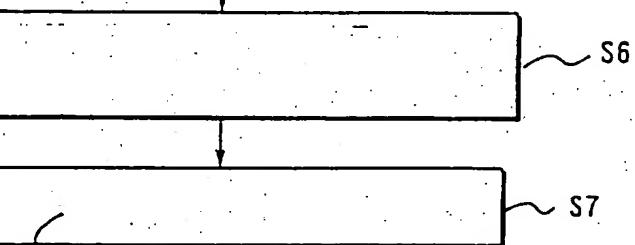
SWITCH ELEMENTS SW3, SW4,  
 AND SW5 ARE TURNED ON



SWITCH ELEMENT SW5 IS  
 TURNED OFF AFTER  
 PREDETERMINED TIME  
 INTERVAL HAS ELAPSED



AFTER CHANGE TO WRITE PERIOD,  
 SWITCH ELEMENTS SW1,  
 SW3, AND SW4 ARE  
 TURNED OFF, AND  
 SWITCH ELEMENT  
 SW2 IS TURNED ON



WHEN SCANNING PERIOD ENDS,  
 SWITCH ELEMENT SW2 IS TURNED  
 OFF

END

FIG. 10

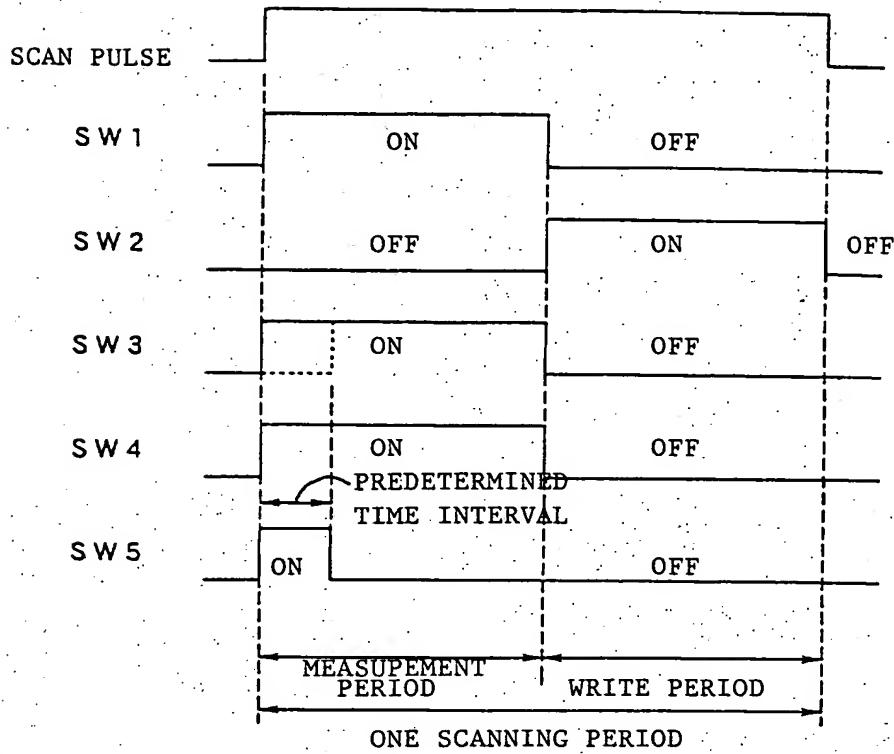
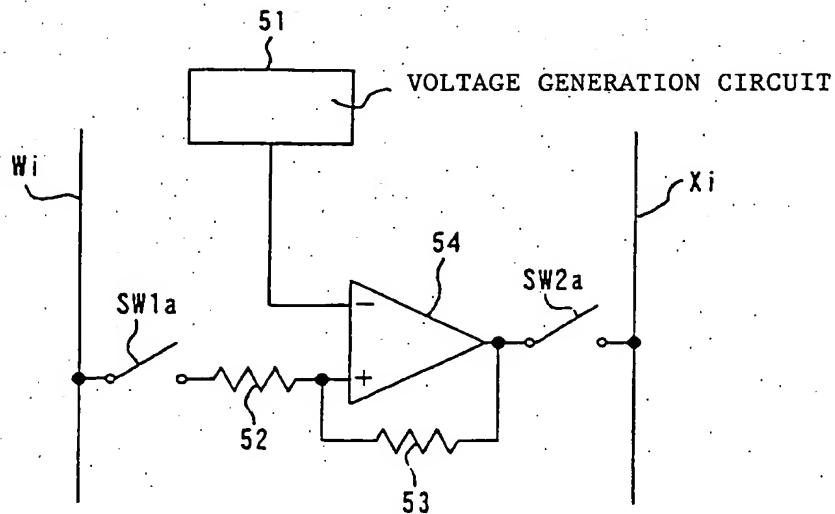


FIG. 11



**FIG. 12**

START OF ONE SCANNING PERIOD

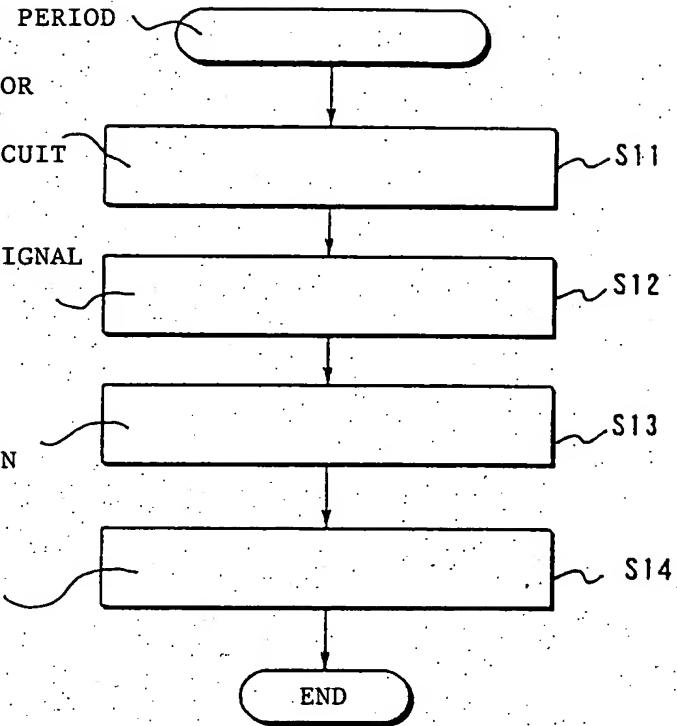
SCAN CONTROL SIGNAL FOR  
j-LINE IS SUPPLIED TO  
SCAN PULSE SUPPLY CIRCUIT

j-LINE DATA CONTROL SIGNAL  
IS SUPPLIED TO DATA  
SIGNAL SUPPLY CIRCUIT

SWITCH ELEMENTS SW1a  
AND SW2a ARE TURNED ON

WHEN THE SCANNING  
PERIOD ENDS, SWITCH  
ELEMENTS SW1a AND  
SW2a ARE TURNED OFF

END

**FIG. 13**